

Eco-Factories—3

Reducing Waste Generation and Wastes to Landfill

Targets for 2005

- **Zero emission initiative**
Reducing the ratio of wastes to landfill from each site to 1% or less of the total waste generated at each site, and reducing the weight of total wastes to less than 5 tons a year
- **Waste generation: 100% or less of 2000 levels**
- **Recycling rate: 85% or more**

Results for 2005

- **Non-consolidated: 8 sites (100%)**
Consolidated: 29 sites (88%)
- **Non-consolidated: 112%**
Consolidated: 104%
- **Non-consolidated: 99%**
Consolidated: 80%

Targets for 2006

- **Waste generation: 96% or less of 2000 levels**
- **Recycling rate: 86% or more**

Reducing waste generation and promoting recycling

The Hitachi Chemical Group is actively working to limit the generation of waste in terms of absolute volume and to recycle waste.

Our Group target for limiting waste generation was up to 100% of the level in 1990 by 2010. Following the revision of targets by the entire Group, our new target set in 2005 was up to 80% of 2000 levels by 2010.

As we continued to develop resource-saving products and innovative production methods in 2005, waste generation totaled 41,528 tons on a non-consolidated basis and 95,640 tons on a consolidated basis, or 112% and 104%, respectively, compared with the level in 2000, due to increased production volume.

We uphold the principle of “reduce, reuse and recycle” toward our target recycling rate* of at least 90% by 2010.

In 2005, recycled wastes amounted to 41,177 tons on a non-consolidated basis and 76,273 tons on a consolidated

basis, and the recycling rate was 99% and 80%, respectively. Although we are making progress on the domestic front, measures are lagging in our overseas Group companies, leading to a decline in the recycling rate for the whole Group. In 2006, we will strive to more clearly understand the overseas situation and take appropriate measures.

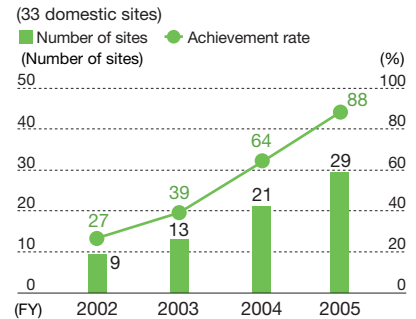
* **Recycling rate:** wastes recycled / wastes generated

Reducing wastes to landfill

The Hitachi Chemical Group promotes the zero emission initiative through changing production methods, separation and collection, and recycling. Under this initiative, we intend to reduce the ratio of wastes to landfill* at each site to no more than 1% and to less than 5 tons in terms of volume.

In 2005, generation of waste to landfill amounted to 1.1 tons on a non-consolidated basis (total of 8 sites) and 3,607 tons on a consolidated basis (37 sites including four overseas sites),

Number of sites that achieved zero emissions and achievement rates

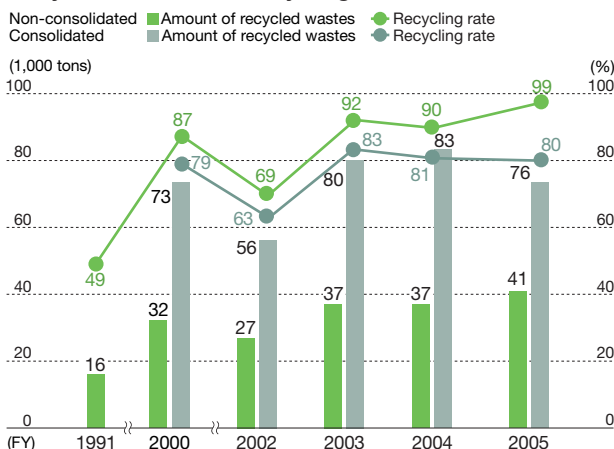


while the ratio of wastes to landfill was 0.003% and 3.8%. Because the performance of overseas Group companies still falls short of our goals, we will instruct them to implement measures that are appropriate for their situation.

The number of sites that achieved zero emission increased from 21 in 2004 to 29 in 2005, marking an achievement rate of 88%.

* **Ratio of wastes to landfill:** amount of wastes to landfill / wastes generated

Recycled wastes and recycling ratio



Wastes to landfill and their ratio

